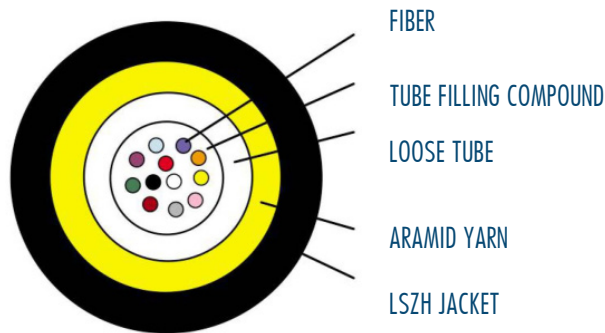


✓ Indoor / Outdoor

✓ Single / Multi Tube

## ICT2 Building Cable | FoU/MTARDC

### SINGLE TUBE CABLE STRUCTURE



### DESCRIPTION

The structure of the access optical cable is to sheath 250  $\mu\text{m}$  optical fiber into a loose tube made of high modulus material, and the loose tube is filled with waterproof compound. The loose tube is covered with a layer of aramid reinforcing element, and the outermost layer is extruded with a layer of low-smoke halogen-free material (LSZH, low-smoke, halogen-free, flame)

### CHARACTERISTICS

- Good mechanical and temperature performance;
- High strength loose tube that is hydrolysis resistant;
- Crush resistance and flexibility;
- Aramid yarn strength member ensure tensile strength;
- Small diameter, light weight and friendly installation;
- Long delivery length

### STANDARDS

Reference with Standard YD/T1258.4-2005, ICEA-596, GR-409, IEC 60794, IEC 332-1 and IEC 332-3C

### TECHNICAL PARAMETERS

Cable Code	Fiber Count	Cable Diameter (mm)	Cable Weight Kg/Km	Tensile Strength (Long/Short term N)	Crush Resistance (Long/Short term N/100mm)	Bending Radius Dynamic / Static mm
FoUTARDC 4-12	4-12	3,8 - 4,7	12 - 17	600 - 1000	300 - 1000	15D / 20D
FoMTARDC 24-48	24-48	5,0 - 8,1	20 - 30	600 - 1000	300 - 1000	15D / 20D

Transport/Storage/Operating Temperature: - 20°C~ + 60°C | Installation Temperature: - 50°C- + 50°C

*Ideal Technology has a policy of continuous improvement. Specifications are subject to change without notice.*